



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Paul Kunisch
Appl. No.: 10/020,615

Conf. No.: 6590

Filed: December 13, 2001

Title: SUBSCRIBER CIRCUIT AND METHOD FOR THE INTERNAL
FUNCTIONAL TESTING OF A SUBSCRIBER CIRCUIT

Art Unit: 2642

Examiner: Unknown

Docket No.: 112740-384

Mail Stop
Commissioner for Patents
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CERTIFICATE OF MAILING BY FIRST CLASS MAIL UNDER 37 CFR 1.8

Sir:

I hereby certify that the following documents relating to the above-identified application:

1. Transmittal of Information Disclosure Statement in duplicate,
2. Information Disclosure statement – PTO 1449 - references
3. return receipt postcard

are being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to:

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on May 23, 2003.

Respectfully submitted,

BELL, BOYD & LLOYD LLC

Robert Buccieri

Name of Person Mailing Correspondence

Signature

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.
112740-384

MAY 28 2003

In Re Application

Paul Kunisch

Serial No.
10/020,615

Filing Date
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Examiner

Group Art Unit
2642

Title: **SUBSCRIBER CIRCUIT AND METHOD FOR THE INTERNAL FUNCTIONAL TESTING OF A SUBSCRIBER CIRCUIT**

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Address to:
Assistant Commissioner for Patents
Washington, D.C. 20231

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37 CFR 1.97(b)

1. The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

37 CFR 1.97(c)

2. The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:

the statement specified in 37 CFR 1.97(e);

OR

the fee set forth in 37 CFR 1.17(p).

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.
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MAY 28 2003

In Re Application: Paul Kunisch

Serial No.	Filing Date	Examiner	Group Art Unit
10/020,615	December 13, 2001		2642

**SUBSCRIBER CIRCUIT AND METHOD FOR THE INTERNAL FUNCTIONAL TESTING OF A
SUBSCRIBER CIRCUIT**

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Payment of Fee

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

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A check in the amount of _____ is attached.

The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. 02-1818 as described below. A duplicate copy of this sheet is enclosed.

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Signature

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I certify that this document and fee is being deposited with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

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Typed or Printed Name of Person Mailing Certificate

*This certificate may only be used if paying by deposit account.

Signature

Dated: May 23, 2003

William E. Vaughan (Reg. No. 39,056)

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INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 37 C.F.R. 1.97, and 37 C.F.R. 1.98, Applicant requests that a citation and examination of the references cited below, and on the attached PTO-1449 form, copies of which are enclosed, be made during the course of examination of the above-identified application for United States patent.

FOREIGN PATENT DOCUMENTS

<u>Document No.</u>	<u>Date</u>	<u>Country</u>
0 451 759	10-16-91	European
0 505 670	9-30-92	European
DE 198 02 825		Germany
DE 198 60 395	6-29-00	Germany
DE 199 07 925	9-14-00	Germany

European 0 451 759 relates to a telephone subscriber circuit testing system which uses HV modules and a processor module with an evaluation of correlation products of transmission and reception voltages.

European 0 505 670 relates to a transmission path testing system for a telephone line which uses a control signal transmitted from an exchange interface to a subscriber interface to set up a test mode.

German DE 198 02 825 relates to a subscriber set functionality testing method which produces an AC voltage with a defined frequency through a tone generator contained in a

subscriber set, supplying an AC voltage after amplification into connection branches of a subscriber set, and measuring an AC voltage at each connection branch.

German DE 198 60 395 relates to a fault location for subscriber connections which involves rhythmically, especially periodically, reversing polarity of the voltage on a communications wire and a signaling fault if measured loop current is abnormal.

German DE 199 07 925 relates to a subscriber connection circuit for connecting an analogue subscriber with an integrated arrangement for performing test functions which closes two electronic switches simultaneously to pass internally generated test signals for calibration and self test to current sensors.

Applicant looks forward to early and favorable consideration of this matter.

Respectfully submitted,

BELL, BOYD & LLOYD LLC

BY


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P.O. Box 1135
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Phone: (312) 807-4292

Dated: May 23, 2003